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| FORM PTO-1390 (REV. 12-2004) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER 469.1119 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5 Unassigned) 10/532345 |
| INTERNATIONAL APPLICATION NO. PCT/GB 03/04987 | INTERNATIONAL FILING DATE November 18, 2003 | PRIORITY DATE CLAIMED November 19, 2002 |
| TITLE OF INVENTION SAMPLE INSPECTION APPARATUS FOR COMBINING NMR WITH ESR OR ICR-MASS SPECTROSCOPY | | |
| APPLICANT(S) FOR DO/EO/US Neil KILLORAN et al. | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> | | |
| Items 11 to 20 below concern document(s) or information included: | | |
| <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: PCT Publication WO 2004/046743 A1, PCT/RO/101, PCT/IB/308, PCT/ISA/220, Search Report (Form PCT/ISA/210)</p> | | |

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| U.S. APPLICATION NO. (Unknown, see 37 CFR 1.6) | INTERNATIONAL APPLICATION NO. 107532345 PCT/GB 03/04987 | ATTORNEY'S DOCKET NUMBER 469.1119 | | |
| 21. <input checked="" type="checkbox"/> The following fees are submitted: | | APPLICANT USE <input checked="" type="checkbox"/> a) Basic National Fee \$300.00 <input checked="" type="checkbox"/> b) Examination Fee..... \$200.00 <input checked="" type="checkbox"/> c) Search Fee \$500.00 TOTAL OF ABOVE CALCULATIONS = \$1000.00 | | |
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| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each addition 50 sheets of paper or fraction thereof. | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Rate | |
| * - 100 = | */50= | | X 250.00 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | \$130.00 | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ |
| Total claims | 31 - 20 = | 11 | x \$50.00 | \$550.00 |
| Independent | 2 - 3 = | 0 | X \$200.00 | \$ |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360.00 | \$360.00 |
| TOTAL OF ABOVE CALCULATIONS = | | | \$2,040.00 | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | \$ | | |
| SUBTOTAL = | | \$2,040.00 | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | \$ | | |
| TOTAL NATIONAL FEE = | | \$2,040.00 | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | + | \$ | |
| TOTAL FEES ENCLOSED = | | \$2,040.00 | | |
| Amount to be refunded: | | | \$ | |
| Amount to be charged: | | | \$ | |
| a. <input checked="" type="checkbox"/> A check in the amount of <u>\$2,040.00</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-3935</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status. | | | | |
| SEND ALL CORRESPONDENCE TO: USPTO CUSTOMER NO. | | | | |
|  21171 <small>PATENT TRADEMARK OFFICE</small> | | | | |
|  SIGNATURE David M. Pitcher NAME 25,908 REGISTRATION NUMBER | | | | |
| Staas & Halsey LLP 1201 New York Avenue, N.W., Suite 700 Washington, DC 20005 | | | | |

10/532345

Docket No.: 469.1119/DMP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE JC157 rec'd PCT/PTO 22 APR 2005

In re the Application under 35 USC § 371 of:

Neil KILLORAN et al.

International Serial No.: PCT/GB 03/04987
International Filing Date: 18 November 2003

Group Art Unit: Unassigned

U.S. Filing Date:

Examiner: Unassigned

For: SAMPLE INSPECTION APPARATUS FOR COMBINING NMR WITH ESR OR ICR-MASS SPECTROSCOPY

LETTER

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Attn: United States Designated/Elected Office (DO/EO/US)

Sir:

Applicants submit herewith for filing an application under 35 U.S.C. §371, including the Transmittal Letter to the United States Designating/Elected Office (DO/EO/US) (Form PTO-1390), application, including specification, drawings and claims, and Preliminary Amendment for national stage examination, Notice Informing the Applicant of the Communication of the International Application to the Designated Offices (Form PCT/IB/308), Request for International Patent Application as filed (Form PCT/RO/101), International Application Publication WO 2004/046743 A1, and an International Search Report (Forms PCT/ISA/210, 220).

Applicants/inventors for the U.S. national stage are:

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Respectfully submitted,

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By:


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